

1. DESCRIPTION

Impa Endura WB Gelcoat is a premium quality hybrid water based polyurethane **non-drip** satin acrylic enamel for interior and exterior application. Suitable for application to new concrete, plaster or fibre cement. No primer required, but recommended to ensure stability.

Impa Endura WB Gelcoat is quick drying, low odour and contains **Impa Mouldtech™** Technology to prevent mould growth

Also suitable for direct application to previously painted surfaces; enamel surfaces must preferably be sanded down lightly before application.

Can be applied to wood and metal surfaces due to its outstanding blocking future, provided that these surfaces have been prepared properly and painted with a quality primer.

2. FEATURES

- Easy application through use of brush, or roller. As it dries quickly; the two coats specified can be applied in one day.
- This product does not yellow as with traditional High Gloss and Eggshell Enamel.
- It yields a luxurious coating with a beautiful satin appearance with low dirt pick-up
- The product is water-based; cleaning of equipment performed at low cost.
- The high pigmentation ensures exceptional covering capacity, which results in saving on labour and material.
- Has an exceptional adhesion capacity, which facilitates the over coating of old alkyd surfaces such as Eggshell and High Gloss. It can stick to virtually anything e.g. plastic; glass.
- Unique gel formulation – does not drip during brush application and achieves a higher film build than most water based coatings
- **Impa Mouldtech™** antibacterial and fungal protection
- **15 year quality guarantee.**
- Excellent **flow** and **leveling** properties
- **Apeo, formadeyde** and **ammonia** free
- **Impa Mouldtech™** antibacterial, fungal and algae protection
- **Low VOC**

ACRYLIC SHEEN FINISH

IMPA ENDURA WB GELCOAT FINISH

ISSUED DATE: JUNE 2014 REV1

TECHNICAL DATA

<i>Product Code</i> <i>Colour</i>	SU1019 White; Bases: Pastel - Clear
<i>Appearance</i> <i>Shelf life</i> <i>Packaging</i> <i>Flashpoint</i>	Semi Gloss 12 Months 1L, 5L & 20L Non Flammable
<i>Viscosity</i> <i>S.G (weight)</i> <i>Solids per volume</i> <i>Solids per mass</i> <i>VOC</i>	115 – 120 KU/23°C 1.25 – 1.26kg/l 42 - 45% 53 – 55%
<i>Practical Spreading rate (depending on porosity)</i> <i>Recommended finishing coats.</i>	8-9m²/L per coat@ 55µm, DFT 2
DRYING TIME <i>Touch dry time</i> <i>Recoating Time</i> <i>Full Cure</i>	 30min at 23°C 2 Hour at 23°C 4-7 Days
APPLICATION <i>Roller & Brush</i> <i>Spray</i>	 Ready for use Dilute with clean water max 5% Gel structure will be effected if diluted
<i>Cleaning</i> <i>Mixing</i>	Warm water and soap Stir until homogeneous Stir occasionally during use

3. SUBSTRATE CONDITIONS

Substrate must be clean, dry and sound for painting. **Moisture content** must be **below 14% WME**, measured using a PROTIMETER (or equally approved).

4. SURFACE PREPARATIONS

Ensure that all surfaces are dry, clean, and free of oil, grease, laitance and in accordance with above **SUBSTRATE CONDITIONS**. Treat imperfections with **RESTORE QUICKFILL** or by mixing **RESTORE MULTIPURPOSE CRACKFILLER 100** with **RESTORE FILLERMIX** and not water.

NEW WORK

CONCRETE AND CEMENT PLASTER SURFACES

Prime with **IMPA HYDROPRIME AR PLASTER PRIMER** or **IMPA NOVA SB AR PLASTER PRIMER** as supplied. Allow to dry for 4 hours @ 23°C. **Recoat after 8 Hours**

BRICKWORK - FACE, R.O.K'S AND CEMENT

- Where efflorescence occurs, wash down with a weak solution of **RESTORE BRICKCLEANER**, rinse with clean water and allow to dry. Apply a primer coat of **IMPA HYDROPRIME AR PLASTER PRIMER** or **IMPA NOVA SB AR PLASTER PRIMER** (for friable surfaces; dilute **IMPA NOVA SB AR PLASTER PRIMER** up to maximum 10% with **RESTORE TURPENTINE**) as supplied. Allow to dry for 4 hours @ 23°C. **Overcoat / Recoat after 8 Hours.**

New Gypsum Plaster (Rhinolite)

- Ensure gypsum plaster is dry and of good quality, wipe down, i.e. the surface is hard and free of chalk. Moisture content must be **less than 15%**. Apply one (1) coat of **IMPA HYDROPRIME AR PLASTER PRIMER** or **IMPA NOVA SB AR PLASTER PRIMER** to all gypsum surfaces to be painted. Allow to dry for 4 hours @ 23°C. **Overcoat /Recoat after 8 Hours.**

NOTE if the chalky powder remains after wiping, **IMPA RENO WB BONDING LIQUID** must be applied in place of the **IMPA HYDROPRIME AR PLASTER PRIMER** to ensure the complete binding of the chalking gypsum plaster. Allow to dry for 4 hours @ 23°C. **Overcoat /Recoat after 8 Hours.**

PREVIOUSLY PAINTED SURFACES

BAD CONDITION

- High pressure water jet the entire surface. Ensure to remove all flaking and chalking paint. If algae is present, treat these areas with **RESTORE MOSS & MOLD KILLER** in accordance with product data sheet. Apply a full coat of **IMPA HYDROPRIME AR PLASTER PRIMER** as supplied or **IMPA NOVA SB AR PLASTER PRIMER** (For friable/chalky surfaces; dilute **IMPA NOVA SB AR PLASTER PRIMER** up to maximum 10% with turpentine). Allow to dry 8 hours @ 23°C. **Overcoat /Recoat after 12 Hours.**

GOOD CONDITION

- Wash area with **RESTORE SUGAR SOAP** or High pressure wash the entire surface, allow drying and apply **Impa Endura WB Gelcoat** directly.

ENAMEL SURFACES

- The surface must be well sanded and washed with **RESTORE SUGAR SOAP** apply one (1) coat of **Impa Nova Gelcoat WB**. **Overcoat /Recoat after 8 Hours**

5. APPLICATION

- Apply two coats of **Impa Endura WB Gelcoat** allowing 4 hours drying time between coats.

6.TINT BASE PRODUCTS

- The tint base containers are supplied under filled to levels which are specific for each tint base product. This will allow for a specific quantity of colourant's to be added after a required colour is identified. The volume indicated on the container is only achieved after the addition of all prescribed colourant's as per the colour formulation.
- The tint bases should not be used without the colourant's referred to above.
- When mixed to a finished product its technical features, product information, application and surface preparation details comply with that listed above for this product.

- Only colourant's from the Impa colour system are permitted for use when tinting the tint base.
- **UNDER NO CIRCUMSTANCES MUST COLOURS BE TINTED FROM WHITE, USE ONLY THE PRESCRIBED BASES FOR THIS PRODUCT.**
- Certain colour choices may require more than two coats to achieve full opacity or obliteration.

7. PRECAUTIONS

- Application should be avoided in cold and moist weather conditions.
- **Do Not** apply the product at surface temperatures below 6°C (minimum of 2°C above dew point) and temperatures above 40°C
- **Do Not** apply if ambient temperature is less than 10°C or more than 40°C.
- **Do Not** apply if relative humidity temperature is less than 10°C or more than 85. °C
- Pay attention to the preparation of surfaces
- Preferable not for direct application to new surfaces.
- To ensure that colour on a project are consistent, check that batch numbers are the same. Should the batches numbers differ please "box" the paint box the paint before using it
- Friable and powdery surfaces require special care before painting- if in doubt contact **Impa Advisory Service**

Environmental Health & Safety Information

WARNING! IRRITANT! HARMFUL IF SWALLOWED. CONTAINS: PROPYLENE OR ETHYLENE GLYCOL. MAY CAUSE EYE, NOSE AND THROAT IRRITATION. AVOID CONTACT WITH SKIN AND EYES AND AVOID BREATHING OF VAPORS AND SPRAY MIST. WEAR EYE PROTECTION AND PROTECTIVE CLOTHING. USE ONLY WITH ADEQUATE VENTILATION. To avoid breathing vapours and spray mist, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches or dizziness, increase fresh air. If properly used, a respirator (NIOSH approved for organic vapor with P series particulate pre-filter) may offer additional protection; obtain professional advice before using. A dust mask does not provide protection against vapors. Avoid contact with eyes and skin. Wash thoroughly after handling. Close container after each use. **FIRST AID:** If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention; for skin, wash thoroughly with soap and water. If swallowed, get medical attention immediately.

CAUTION: KEEP OUT OF REACH OF CHILDREN AND ANIMALS - DO NOT TAKE INTERNALLY.

Refer to Material Safety Data Sheet for additional health and safety information.

IN CASE OF FIRE: Use foam, CO₂, dry chemical, or water fog.

SPILL – Absorb with inert material and dispose of as specified under **Thinning/Clean-up**.

† **WARNING!** If you scrape, sand or remove old paint, you may release lead dust.

DISCLAIMER

The technical information contained in this document are given in good faith and are meant to be used as a guideline by the specifier or user. Whilst we are confident about the quality of our products, we cannot accept any liability for the incorrect use or application of our products. Surface preparation forms an integral part of the scope of works and it is expected that the highest standards are maintained during surface preparation and application, to ensure that our products perform as intended. Always ensure to use the same product batch numbers, refrain from doing spot touch-ups and paint surfaces from corner to corner to prevent colour and sheen variance. As technology may change over time we reserve the right to change products to keep up with changes in raw materials or product trends without pre notice. Although we will always strive to keep clients informed about changes to be made, but cannot bind ourselves to such notes Please ensure the use of the latest Technical Data Sheet.

Please note : that all our latest Product Data Sheets and Material Safety Data Sheets are available for viewing on our website at www.impa.co.za . All information listed is owned or used under licence of Impa Paints and its related companies. © 2010 Lurama 149 (Pty) Ltd. All rights is reserved.